

Low PIM 3dB Hybrid Combiner

Model HD-A37

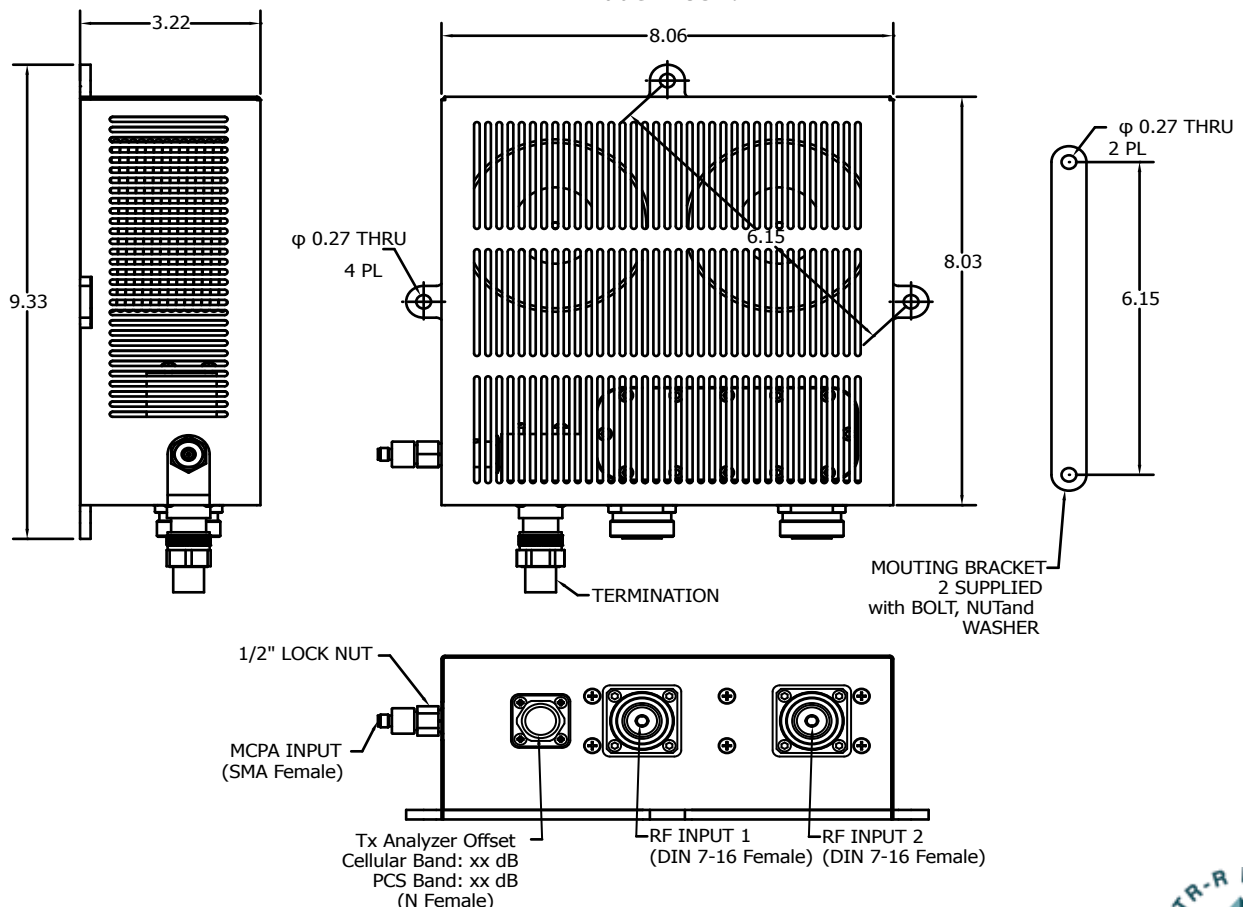
Model	HD-A37
Frequency range	700 - 2200 MHz
Return Loss	>23 dB all Ports
Hybrid Imbalance	< 0.5 dB
Passive Intermodulation	>155dBc, 3rd order, 2x 43dBm/tones at input port
Impedance	50 Ω
Input Power RANGE	+43 to +47 dBm
Output Power RANGE	0 to -25 dBm (adjustable)
Type N Monitor	-15 dB nominal
Connectors	7-16 DIN female inputs TYPE N (f) output Tx ANAL Terminator supplied Output to MCPA (adjustable) SMA (f)
Cooling	passive cooling
Ambient temp. range	-40° C to +50° C
Weight approx	4.46 kg (9.8 lb)



The Model HD-A37 is a 3 dB Hybrid assembly with an integral high power low PIM termination, a continuously adjustable attenuator, and a calibrated fixed monitor output port. The assembly combines input Tx power and provides a highly attenuated adjustable output to feed

an MCPA assembly. The output port is mechanically adjustable over a 25 dB range and has locking mechanism suitable to field adjustments. The calibration port is used to monitor to output power relative to the output power. One of the main features of the unit is the exceptionally low PIM performance in a circuit that includes a high power adjustable attenuator and termination.

Made in USA.



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